

**UNITED STATES PATENT APPLICATION TRANSMITTAL FORM**

**Mail Stop Patent Application  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Docket No.: 370.7978USU  
Customer No.: 27,623

22387 U.S. PTO  
10/725801



Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Wen-Chau Liu, Huey-Ing Chen and Kun-Wei Lin

For: SEMICONDUCTOR DIODE CAPABLE OF DETECTING  
HYDROGEN AT HIGH TEMPERATURES

Enclosed are:

**XXX** Specification (15 pps.) consisting of: Description (11 pps); Claims (3 pps); Abstract (1 pp);

**XXX** 5 sheets of drawings;

**XXX** Declaration and Power of Attorney;

**XXX** An assignment of the invention to: **NATIONAL CHENG KUNG UNIVERSITY** including \$40.00 recordation fee and Assignment Recordation Form Cover Sheet;

       Information Disclosure Statement (with copies of patent);

       Form - PTO-1449;

**XXX** The undersigned attorney has verified that the applicant is entitled to a Small Entity Status; and

       Priority of U.S. Provisional Patent Application Serial No.                     , filed on                      is claimed under 35 U.S.C. §119(e).

       Priority of U.S. Patent Application Serial No.                     , filed on                      is claimed under 35 U.S.C. §120.

**XXX** Priority of application Serial No. 091135484 filed on December 6, 2002, in Taiwan is claimed under 35 U.S.C. §119;

       A Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i).

The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$770.00
Total Claims	13 - 20 =	0	x \$18.00	\$0
Independent Claims	1 - 3 =	0	x \$86.00	\$0
Multiple Dependent Claim Fee		x \$290.00 = \$0.00		
<b>TOTAL FILING FEE</b>		<b>\$0</b>		

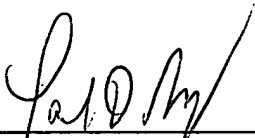
1/2 FILING FEE FOR SMALL ENTITY	<b>\$385.00</b>
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**XXX** A check in the amount of \$ 425.00 is enclosed. (\$385.00 for Filing Fee and \$40.00 for Assignment Recordation)

**XXX** The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

Address all future communications to: **Paul D. Greeley, Esq.**  
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**U.S.A.**

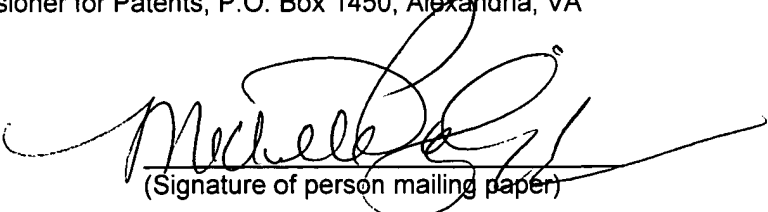
December 2, 2003  
Date of Signature

  
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**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Certificate No. **EL996769724US**, service under 37 CFR §1.10 and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 2, 2003.

Michelle F. Pagliarulo  
(Typed name of person mailing paper)

  
(Signature of person mailing paper)